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FILE: 5659-02500  
TH1950

April 24, 2001

J1033 U.S. PTO  
09/841299  
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to The Commissioner for Patents, Washington, D.C. 20231.

*Brit Baker*  
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Brit Baker

**ATTN: PATENT APPLICATION**

Commissioner for Patents  
Washington, D.C. 20231

Re: **U.S. Patent Application Entitled "IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO INCREASE A POROSITY OF THE FORMATION" -- Vinegar, et al.**

Sir:

Transmitted herewith for filing is a disclosure including a title page, a 274 page specification, 772 pages of claims (Claims 1-5395), and a one page abstract. In addition, we have also included 182 formal drawings on 163 sheets. The disclosure and drawings constitute the application of Harold J. Vinegar, Scott L. Wellington, Eric de Rouffignac, John M. Karanikas, Ilya E. Berchenko, George L. Stegemeier, Kevin A. Maher, Etuan Zhang, Gordon T. Shahin, James L. Menotti, John M. Coles, Thomas D. Fowler, Charlie R. Keedy, Ajay M. Madgavkar, Martijn van Hardeveld, Robert C. Ryan, Lanny Schoeling and Fred G. Carl for the above-entitled invention.

Commissioner for Patents

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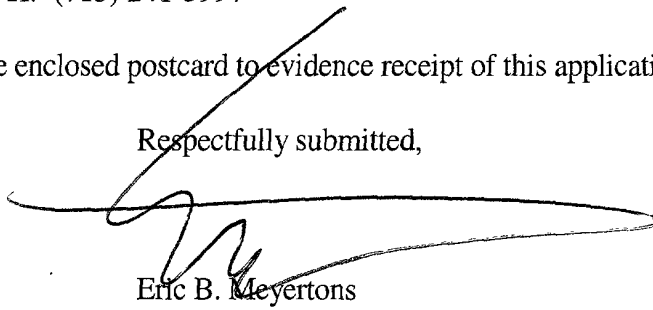
Please note that this application is filed without an inventor Declaration and filing fees. Applicant requests the Patent and Trademark Office to accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, the Applicant requests that the NOTICE OF MISSING PARTS-FILING DATE GRANTED be sent to Mr. Del Christensen at the correspondence address set forth below.

Please address all correspondence in connection with this application to:

DEL CHRISTENSEN  
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Please date stamp and return the enclosed postcard to evidence receipt of this application.

Respectfully submitted,



Eric B. Meyertons  
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Attorney for Applicant

EBM:etg  
Enclosures